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Mail Stop Amendment  
Commissioner for Patents,  
Alexandria, VA 22313, on

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Anthony P. Curtis, Ph.D., Reg. No. 46,193

Name of Applicant, Assignee or  
Registered Representative

Signature

Date of Signature



Our Case No. 9281-4590

### IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of:

Naoya Hasegawa et al.

Serial No. 10/611,555

Filing Date: July 1, 2003

For: A Magnetic Detecting Element Having  
Second Antiferromagnetic Layer  
Overlying Second Free Magnetic Layer  
Extending in Track Width Direction  
Beyond Track Width

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) Examiner: Kevin Bernatz  
)  
) Group Art Unit No. 1173  
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### Amendment

Commissioner for Patents  
Alexandria, VA 22313

Dear Sir:

In response to the Office Action dated December 15, 2004, please amend the above-identified application as follows:

**Amendments to the Specification** begin on page 2 of this paper.

**Amendments to the Claim** begin on page 3 of this paper.

**Remarks** begin on page 6 of this paper.